

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028990.D
 Acq On : 02 Dec 2023 19:23
 Operator : MA/JU
 Sample : PB157240BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157240BL

Quant Time: Dec 03 08:15:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	2416	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	7272	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3179	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	9445	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	6231	0.400	ng	#-0.02
35) Perylene-d12	23.687	264	499	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2593	0.354	ng	0.00
5) Phenol-d6	6.995	99	2808	0.346	ng	-0.01
8) Nitrobenzene-d5	8.961	82	2092	0.289	ng	-0.01
11) 2-Methylnaphthalene-d10	12.159	152	3617	0.310	ng	-0.01
14) 2,4,6-Tribromophenol	15.905	330	796	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	5214	0.380	ng	-0.01
27) Fluoranthene-d10	19.195	212	7921	0.319	ng	-0.01
31) Terphenyl-d14	19.798	244	6623	0.383	ng	-0.02

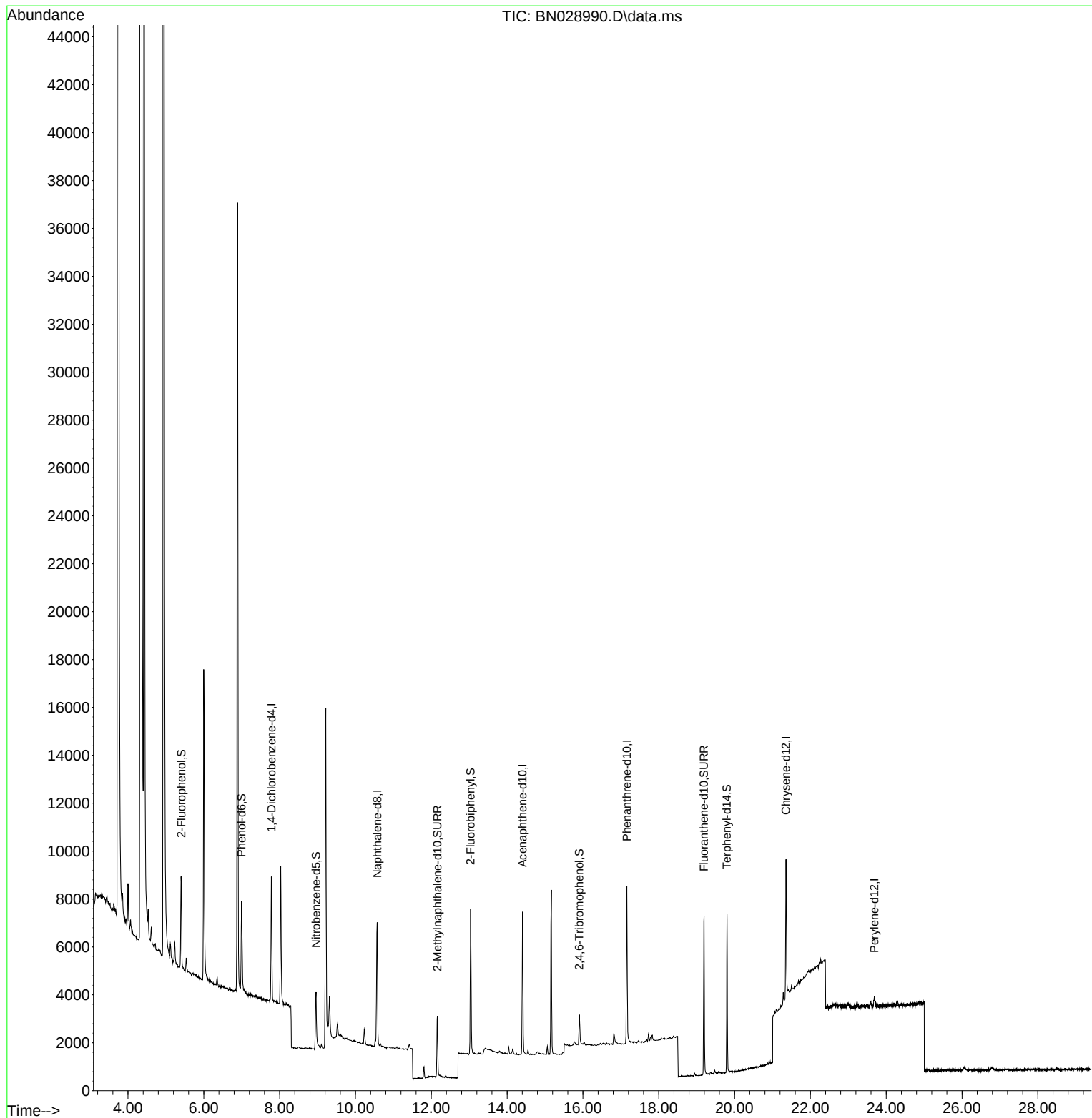
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
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BNA_N
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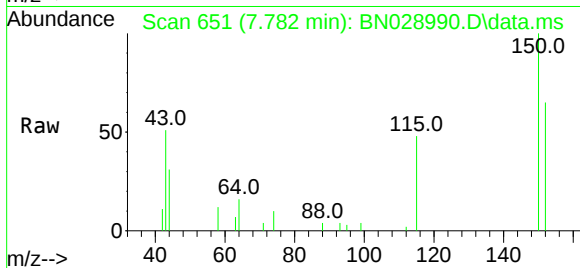
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



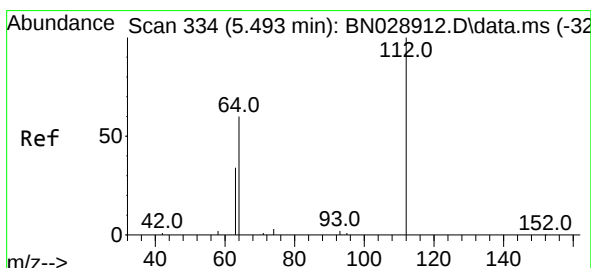
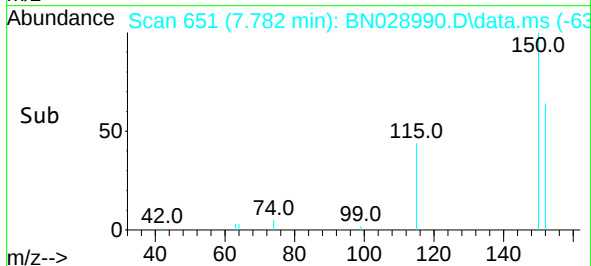
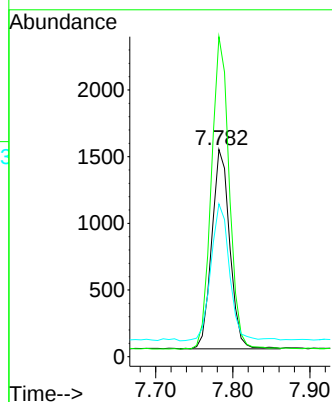


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Instrument :
BNA_N
ClientSampleId :
PB157240BL

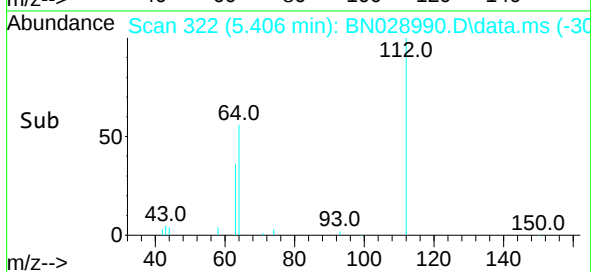
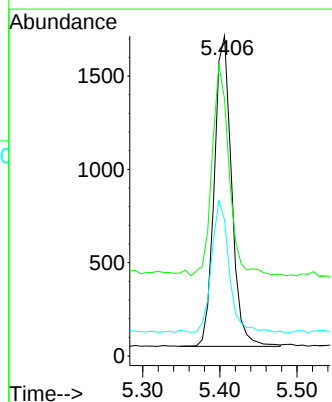
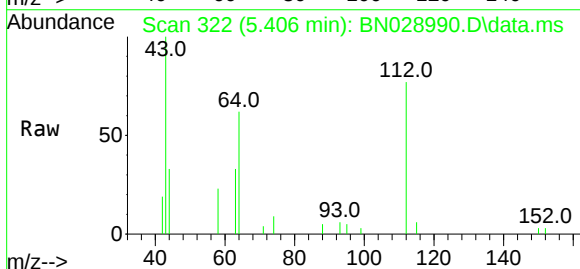


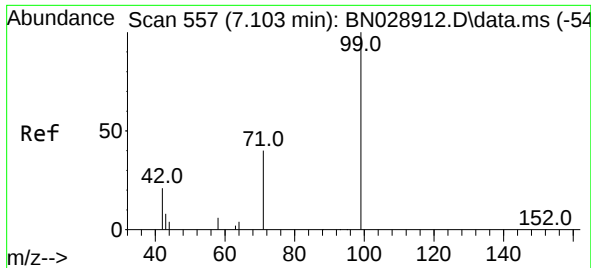
Tgt Ion:152 Resp: 2416
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 73.7 59.1 88.7



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.008 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:112 Resp: 2593
Ion Ratio Lower Upper
112 100
64 67.2 51.5 77.3
63 43.8 30.4 45.6

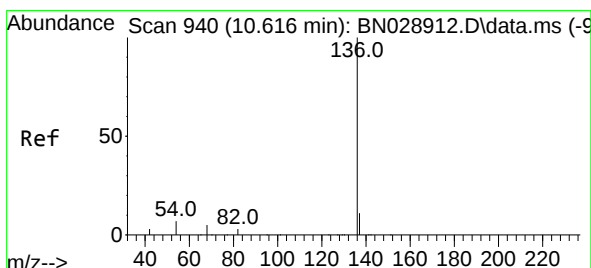
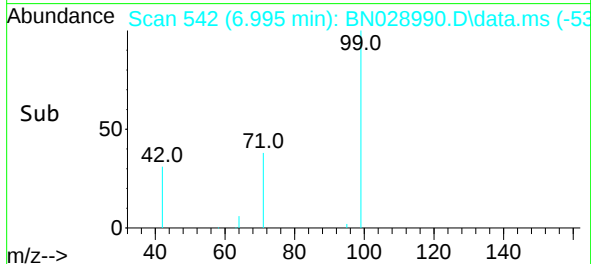
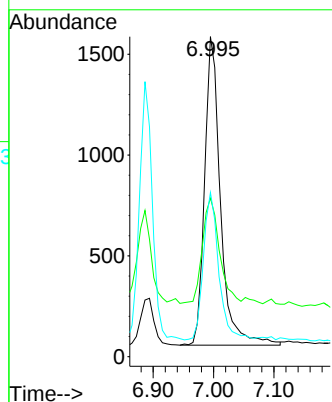
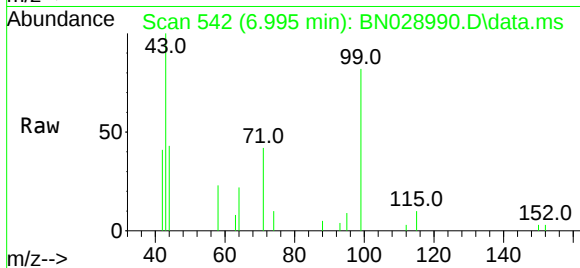




#5
Phenol-d6
Concen: 0.346 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

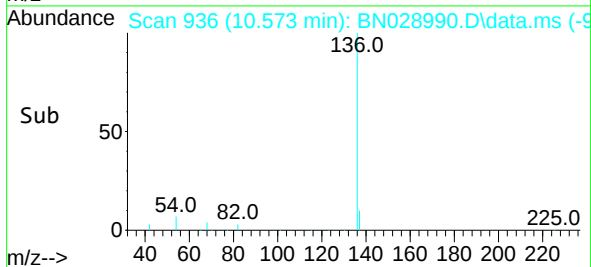
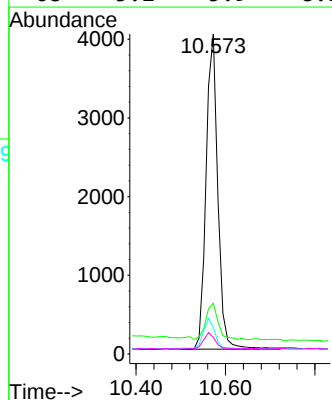
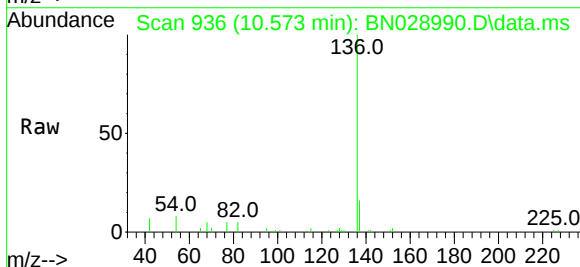
Instrument :
BNA_N
ClientSampleId :
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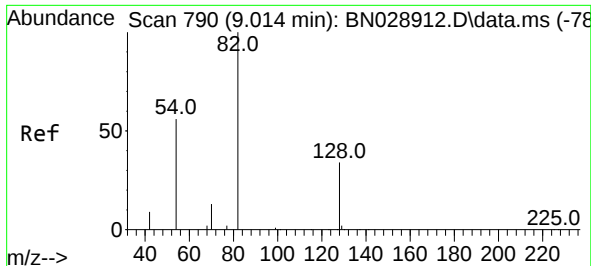
Tgt Ion: 99 Resp: 2808
Ion Ratio Lower Upper
99 100
42 35.6 21.2 31.8#
71 46.2 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:136 Resp: 7272
Ion Ratio Lower Upper
136 100
137 15.8 10.6 16.0
54 8.3 7.5 11.3
68 5.2 5.9 8.9#

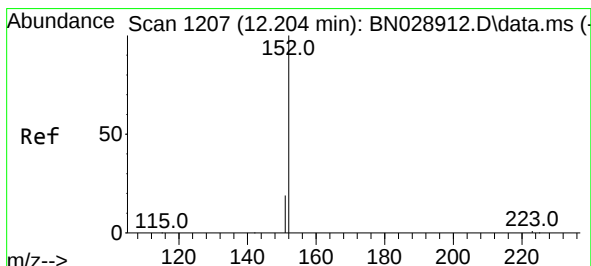
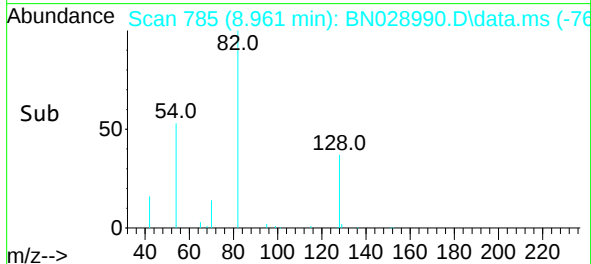
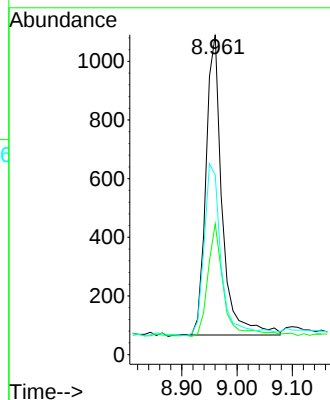
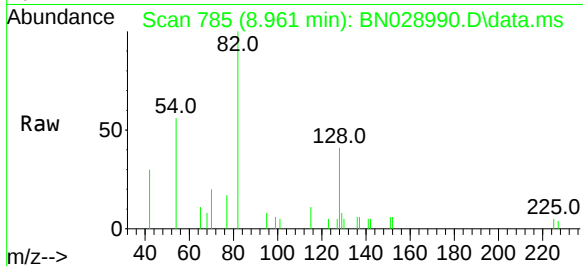




#8
 Nitrobenzene-d5
 Concen: 0.289 ng
 RT: 8.961 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

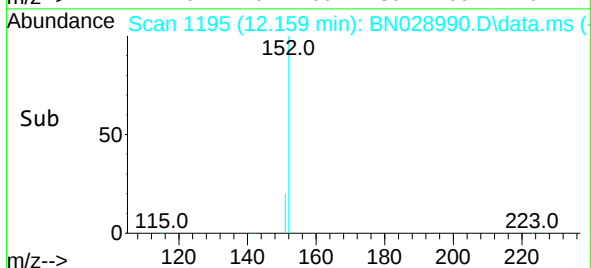
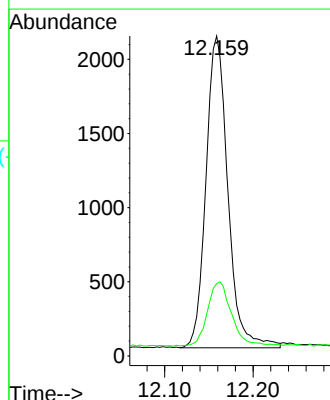
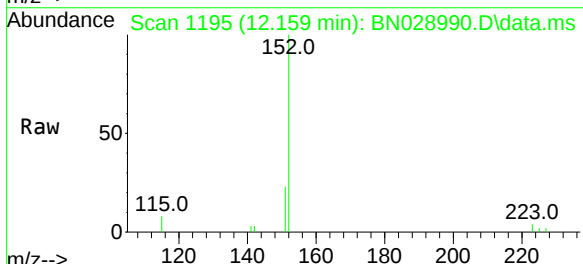
Instrument :
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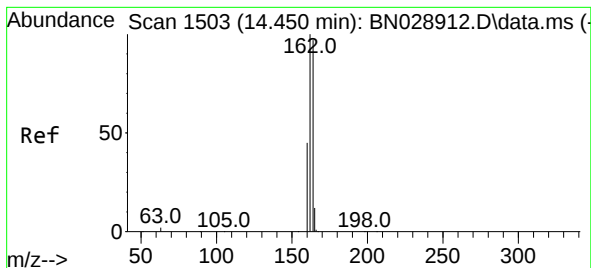
Tgt Ion: 82 Resp: 2092
 Ion Ratio Lower Upper
 82 100
 128 40.9 29.2 43.8
 54 56.1 47.0 70.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 12.159 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BN028990.D
 Acq: 02 Dec 2023 19:23

Tgt Ion: 152 Resp: 3617
 Ion Ratio Lower Upper
 152 100
 151 22.8 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.407 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

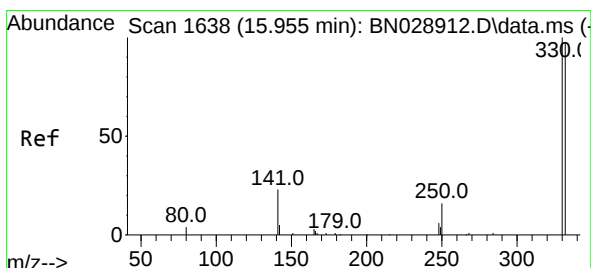
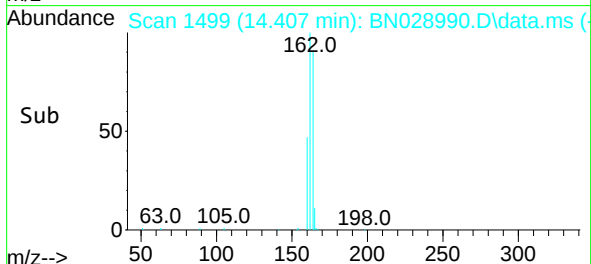
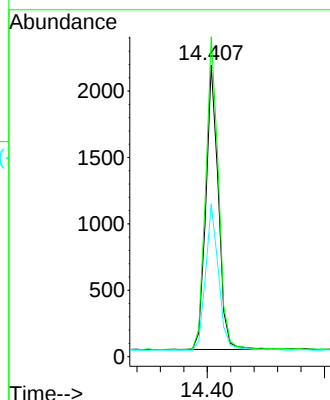
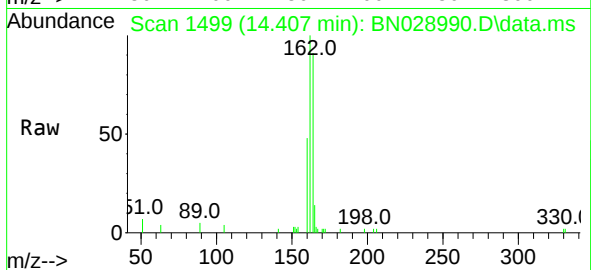
Tgt Ion:164 Resp: 3179

Ion Ratio Lower Upper

164 100

162 109.7 81.7 122.5

160 52.4 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.371 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.013 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

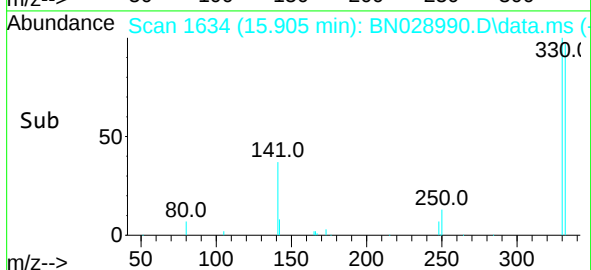
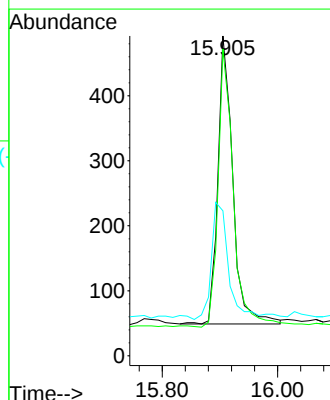
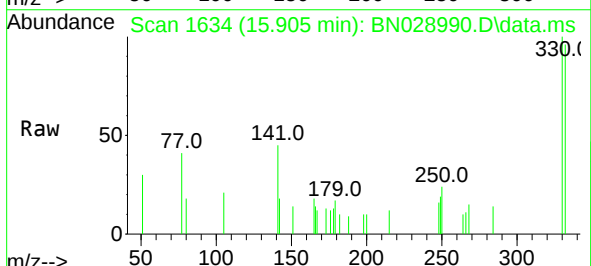
Tgt Ion:330 Resp: 796

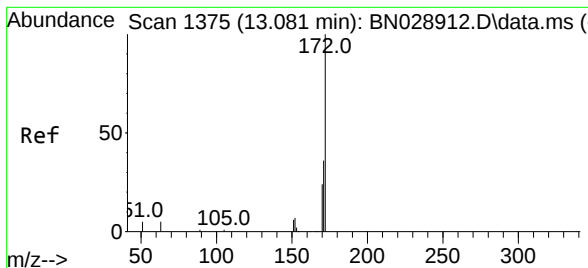
Ion Ratio Lower Upper

330 100

332 98.0 75.4 113.2

141 47.9 35.7 53.5

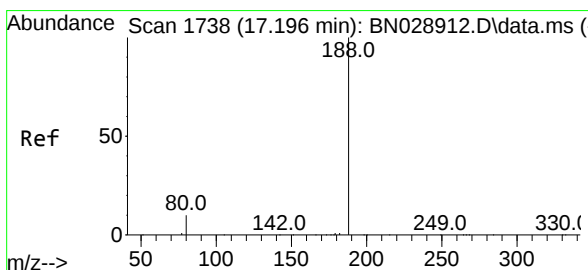
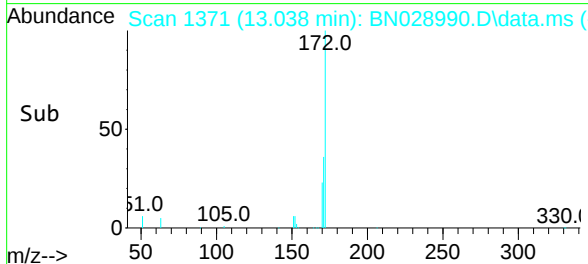
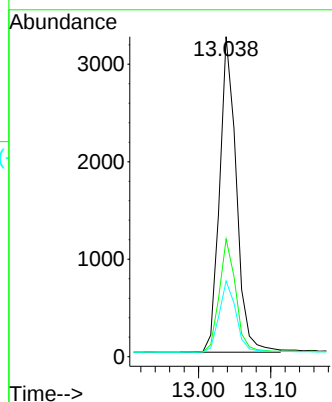
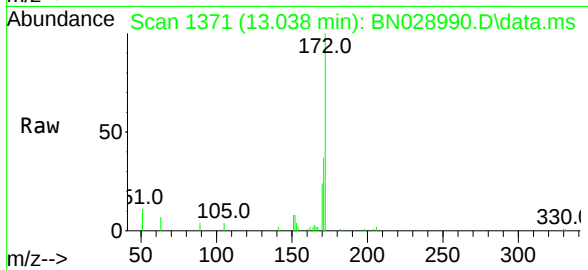




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

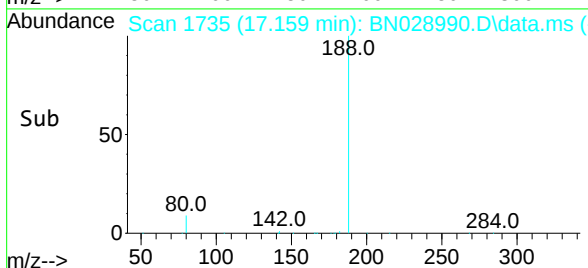
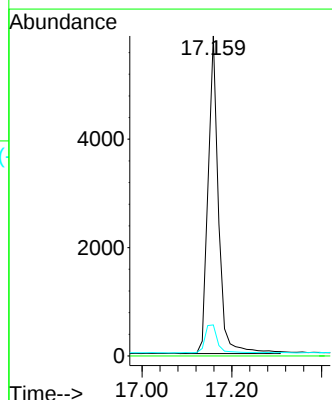
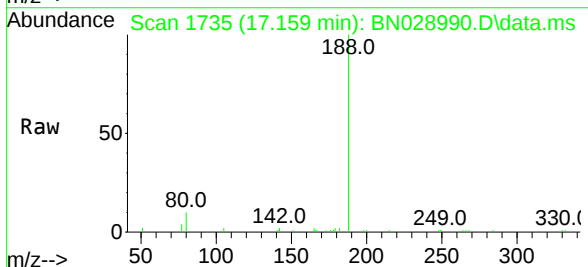
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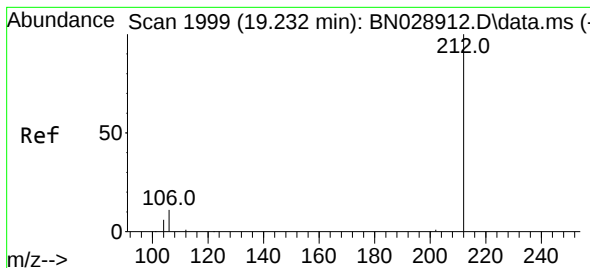
Tgt Ion:172 Resp: 5214
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 23.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1735
Delta R.T. -0.013 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:188 Resp: 9445
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.0 13.6





#27

Fluoranthene-d10

Concen: 0.319 ng

RT: 19.195 min Scan# 1999

Delta R.T. -0.014 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

Instrument :

BNA_N

ClientSampleId :

PB157240BL

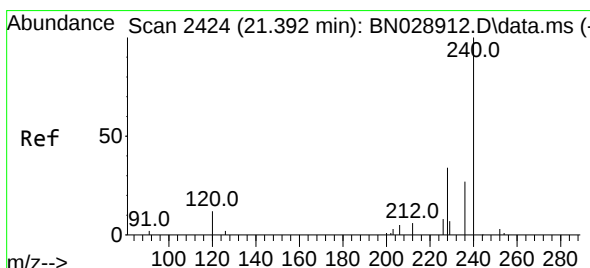
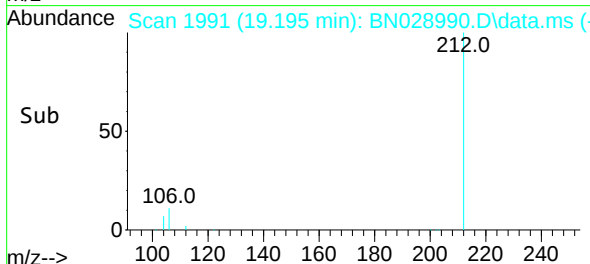
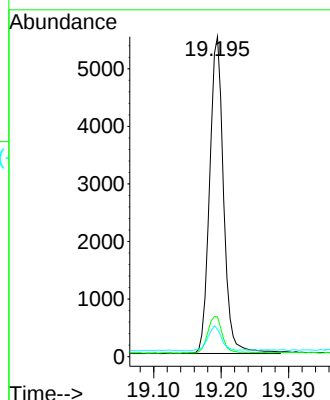
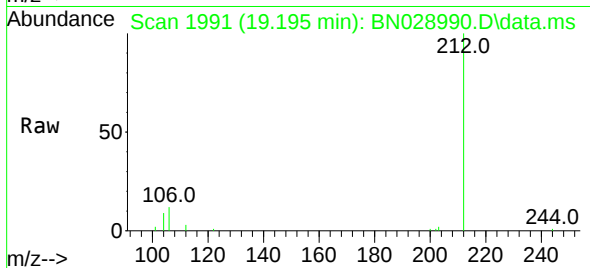
Tgt Ion:212 Resp: 7921

Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.2

104 7.5 6.2 9.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN028990.D

Acq: 02 Dec 2023 19:23

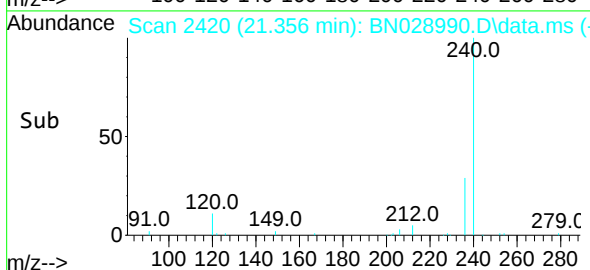
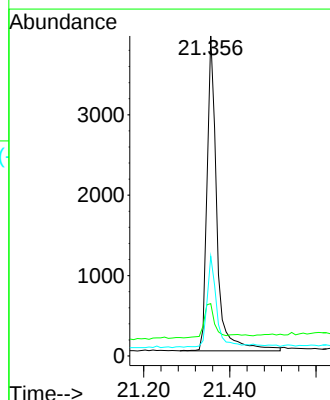
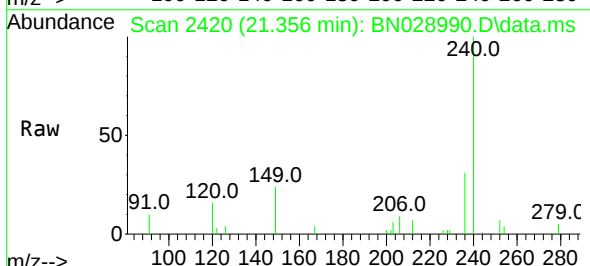
Tgt Ion:240 Resp: 6231

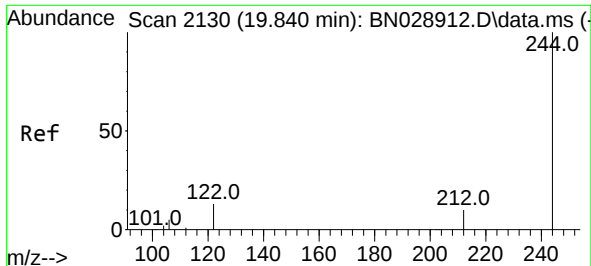
Ion Ratio Lower Upper

240 100

120 16.4 37.1 55.7#

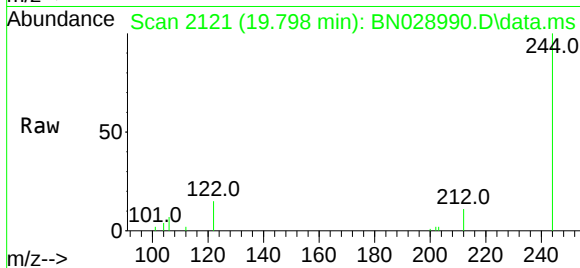
236 31.2 32.4 48.6#



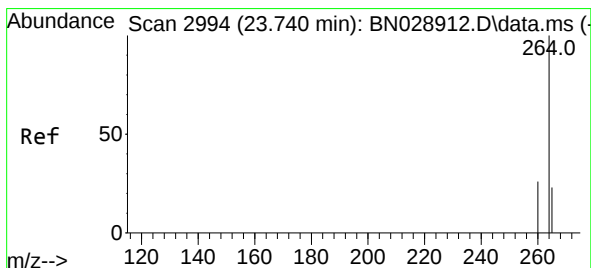
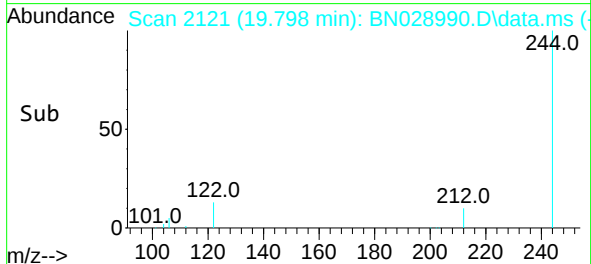
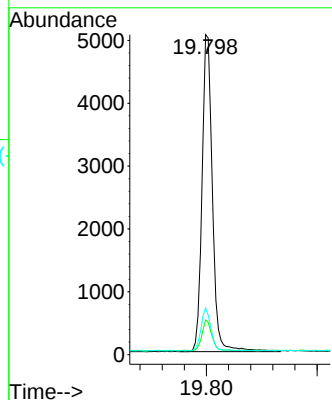


#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.798 min Scan# 2130
Delta R.T. -0.019 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Instrument :
BNA_N
ClientSampleId :
PB157240BL



Tgt Ion:244 Resp: 6623
Ion Ratio Lower Upper
244 100
212 10.8 11.5 17.3#
122 14.6 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.687 min Scan# 2976
Delta R.T. -0.021 min
Lab File: BN028990.D
Acq: 02 Dec 2023 19:23

Tgt Ion:264 Resp: 499
Ion Ratio Lower Upper
264 100
260 65.0 20.6 30.8#
265 589.2 464.5 696.7

